

NOUS41 KWBC 181435
PNSWSH

Service Change Notice 19-82
National Weather Service Headquarters Silver Spring MD
1035 AM EDT Wed Sep 18 2019

To: Subscribers
 -NOAA Weather Wire Service
 -Emergency Managers Weather Information Network
 -NOAAPort
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From: Terrance J. Clark
 Director, WSR-88D Radar Operations Center

Subject: Change to TDWR SPG Product Dissemination on or around November
19, 2019

On or around November 19, 2019, NWS will change the public dissemination
of Supplemental Product Generator (SPG) products, which use Terminal
Doppler Weather Radar (TDWR) data.

The SPG products to be terminated are:

1. Product 181 - Base Reflectivity: 16 data level
2. Product 32 - Digital Hybrid Scan Reflectivity
3. Product 78 - Surface Rainfall Accumulation One Hour Running Total
4. Product 80 - Surface Rainfall Accumulation Storm Total
5. Product 81 - Digital Precipitation Array
6. Product 82 - Supplemental Precipitation Data
7. Product 138 - Digital Storm Total Precipitation

The following SPG product will be added:

8. Product 180 - Base Reflectivity: 256 data level

Alternate sources of data include precipitation products from neighboring
WSR-88Ds or the Multi-Radar Multi-System (MRMS) system.

The NWS will begin testing this change at Charlotte, NC - TCLT. If
NOAA's Level III product dissemination, ingest and archival systems are
shown to be properly functioning and configured as expected, the change
will be activated at the remaining 44 sites on December 4, 2019.

Table 1 and 2 contain the World Meteorological Organization (WMO)
headings of the products to be terminated and added.

TABLE 1: WMO HEADINGS OF THE TERMINATED SPG RADAR PRODUCTS

#	TTUSII	CCCC	NNNXXX	SPG	PRODUCT CODE AND DESCRIPTION
1	SDUS5i	Kwfo	TR0xxx	181	REFLECTIVITY /Z/ - BASE ELEVATION
2	SDUS2i	Kwfo	TR1xxx	181	REFLECTIVITY /Z/ - 1.0 DEG. ELEVATION
3	SDUS2i	Kwfo	TR2xxx	181	REFLECTIVITY /Z/ - THIRD
4	SDUS3i	Kwfo	N1Pxxx	78	ONE HOUR PRECIP /OHP/
5	SDUS5i	Kwfo	NTPxxx	80	STORM TOTAL PRECIP /STP/
6	SDUS8i	Kwfo	DPAXxx	81	DIGITAL PRECIP ARRAY /DPA/
7	SDUS6i	Kwfo	SPDxxx	82	SUPPLEMENTAL PRECIPITATION DATA /SPD/
8	SDUS5i	Kwfo	DHRxxx	32	DIGITAL HYBRID SCAN REFL /DHR/
9	SDUS5i	Kwfo	DSPxxx	138	DIGITAL STORM TOTAL PRECIP /STP/

Where, wfo is the NWS sending site ID, and xxx is the SPG TDWR site ID. For example, wfo is LWX, BOU, OUN, for xxx BWI, DEN, OKC, respectively.

TABLE 2: WMO HEADINGS ASSIGNED TO NEW SPG RADAR PRODUCTS

#	TTUSII	CCCC	NNNXXX	SPG	PRODUCT CODE AND DESCRIPTION
1	SDUS5i	Kwfo	TZ0xxx	180	REFLECTIVITY /Z/ - BASE ELEVATION
2	SDUS2i	Kwfo	TZ1xxx	180	REFLECTIVITY /Z/ - 1.0 DEG. ELEVATION
3	SDUS2i	Kwfo	TZ2xxx	180	REFLECTIVITY /Z/ - THIRD ELEVATION

Products that are disseminated via RPCCDS are available for FTP download:

<ftp://tgftp.nws.noaa.gov/SL.us008001/DF.of/DC.radar/>

The directories for the new products are shown in Table 3.

TABLE 3: RPCCDS FTP DIRECTORIES FOR THE NEW TDWR SPG PRODUCTS

#	DIRECTORY	SPG	PRODUCT CODE AND DESCRIPTION
1	/DS.180Z0/	180	REFLECTIVITY /Z/ - BASE ELEVATION
2	/DS.180Z1/	180	REFLECTIVITY /Z/ - 1.0 DEG. ELEVATION
3	/DS.180Z2/	180	REFLECTIVITY /Z/ - THIRD ELEVATION

Please direct comments or report impacts from this change to:

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National Service Change Notices are online at:

<https://www.weather.gov/notification/>

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